

**DELHI DEVELOPMENT AUTHORITY  
(MASTER PLAN REVIEW SECTION)  
6<sup>TH</sup> FLOOR: VIKAS MINAR  
NEW DELHI - 110002**

No.F.1 (39)2011/Dir(Plg)MPR&TC/80

Dated: 22.02.2012

**Sub: Minutes of the 1<sup>st</sup> Meeting of Management Action Group on " Spatial Data and Infrastructure Group "held on 07.02.2012 Under Pr. Secretary IT, GNCTD at, Office of The Commissioner (Trade and Tax) 3<sup>rd</sup> Floor Vyapar Bhawan, New Delhi.**

The following members/Special Invitees attended the meeting:

- Secretary (IT), GNCTD	In Chair
- Additional Secretary (IT), GNCTD	
- Commissioner(Planning) II,DDA	Member
- OSD(Planning) MPPR,DDA	Member
- Director (GIS Unit), DDA	Member
- Director (MPR), DDA	Member
- Dy. Director (NL-I), DDA	
- Senior Technical Director, NIC	
- Member, Urban Planning & Real Estate, RLDA	
- Ms. Preeti Deo – (Research Associates, Representative from SPA)	Special Invitee
- Dr Rajiv Saraf (Transport Engineer and GIS Expert)	Special Invitee

Secretary (IT), GNCTD welcomed all members, expert members, special invitees for the First meeting of the group. He expressed that there is no as such specific chapter available on IT Sector in MPD-2021 and a grass root level perspective are to be formed .The MAG can supplement the necessary inputs with suitable actions by agencies and experts in the field of GIS.

2. OSD (Planning) presented the process and various stages of review of MPD-2021 and agreed with the fact that "Spatial Data and Infrastructure Group" is altogether a new sector in Master Plan and very much essential in the present day scenario, and also informed that as such no specific suggestion related to technological aspects is received by DDA as it is a very new area to explore from the point of documentation. The recommendations of the MAG are placed before the Advisory Group under the Chairmanship of Hon'ble Lt. Governor in the year 2008 prior to formation of Delhi State Spatial Data Integration (DSSDI) project by GNCTD. DSSDI had also initiated some actions, briefly which are mentioned below.

**i) Director (Plg.) GIS** informed about the further action being taken by DDA which is given as below

- a. Delhi State Spatial Data Integration (DSSDI) project of GNCTD has developed a detailed spatial database for Delhi in collaboration of Survey of India, which has 29 line departments rendering services and public utility. This spatial data is very essential for planning of Delhi as it shows the ground realities. This will determine the planning of Delhi.
- b. The proposed land use at zonal plan level may be drawn on DSSDI maps for reference. All the approved Zonal Plans of Urban Extension Area and the copy of the MPD-2021 have already been handed over to DSSDI Project for initiating the work of super imposition of the Zonal Development Plans on 29.11.2011. The

concerned Planning Department is handling the respective zones validation work at the DSSDI Project Office.

- c. Since Master Plan 2021 is presently at a scale of 1:80000, the same has to be kept at a different page for reference of the public, with Master Plan Level at attribute data attached to the various components of the land use map as per the legend of the map.
- d. The super imposition of Zonal Development Maps on approved development plans on the 3D GIS Map will lead to distortion of the already approved ZDP in terms of the area of the land use parcels. These deviation/changes due to super imposition need approval at appropriate level of the Govt.
- e. DDA has prepared layout of the various acquired land parcels already in the possession of DDA for the purpose of demarcation and disposal of the developed plots under various categories of use. On the lay out plan the written dimensions on the map are available for quantification and calculation. Super imposition of layout plan on the 3D GIS map may not match. This is also to mention that in most of the cities, all over the world layout plans are never super imposed on the GIS maps created from the ortho-photographs, as being done by the DSSDI Project for Delhi 3D GIS Map. The layout plan can be scanned and a hyper link may be provided for visualization by the citizen.

**ii) Secretary, IT, GNCTD:**

- a. The land use and land ownership should be identified and defined as a core task by DDA and the other local agencies in the GNCTD.
- b. The 3D GIS data base created by DSSDI project of GNCTD for Delhi can be used as a tool for the exercise of creating a data base for the above mentioned core task. The other local agencies/organizations pertaining to the development of Delhi may support and provide necessary data for preparation of a informatics map to be placed in the public domain.
- c. Planning Zone boundary of various zone needs to be identified on the 3D GIS base map so that this information can be used for dissemination for land use/ land cover data of the entire Delhi.
- d. The attribute data pertaining to Planning Zones and the Master Plan 2021 should be part of the data base for the public reference.
- e. The exercise of the super imposition of Zonal Development Maps on the 3D GIS Data may be completed by end of March, 2021. It is suggested that the concerned Planning Department dealing with respective zones should assist the DSSDI Project for mapping of the Master Plan 2021 and the respective Zonal Development Plans.

**iii) Commissioner (Planning)-II:**

- a. Citizen must able to identify land use of the area of their interest by use of the 3D GIS tool.
- b. The mapping process of super imposition on the 3D GIS base map should start at a macro level i.e. Master Plan and go down to micro level i.e. Zonal Plan and if technically possible at a later stage the layout plan.
- c. At this stage only Master Plan and Zonal Plan may be super imposed on the DSSDI 3D GIS base map.

- d. Urban Extension may be considered as the primary area while preparing the super imposed maps and later the core area of Delhi can be considered.
- e. The attribute data may be tagged at a later stage. For example in case of Dwarka Project after super imposition of Zonal Development Plan the sector plans may be super imposed followed by tagging of layout maps.
- f. The entire data base needs physical verification at ground jointly by various departments of DDA & GNCTD for their respective data.

**iv) Dr. Rajiv Saraf, Special Invitee:**

- a. The entire exercise of mapping and super imposition may start from the ortho photographs and checking the ground realities and further mapping at the level of layout maps, Zonal Development Maps and Master Plan Land Use maps.

**3. The following action to be taken before the next meeting of the group:**

- Information regarding the availability of data and digital data and hard copy and maps are to be given to DSSDI, so that DSSDI may work further on super imposition.

**Action: Director (GIS), DDA**

- Summary of suggestions (if any) relates to "IT" to be circulated with the meeting notice for deliberation.

**Action: Director (MPR), DDA.**

The meeting ended with thanks to chair.

  
(I.P. Parate) 27/2/12

**(I.P. Parate)**

**Director (Plg) MPR & TC**

**Copy to:**

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| 1. Secretary (IT), GNCTD   | Chairman |
| 2. Pr. Secretary, urban development, GNCTD<br>with the request to nominate concerned officer | Member   |
| 3. Commissioner(Planning) I,DDA  | Member   |
| 4. Commissioner(Planning) II,DDA   | Member   |
| 5. OSD(Planning) MPPR,DDA  | Member   |
| 6. Dy Director General, NIC, Dept of Inf. & Tech.  | Member   |
| 7. Director (GIS Unit), DDA  | Member   |
| 8. Director (LM)HQ, DDA  | Member   |
| 9. Director (Estate & Land Development), MOUD  | Member   |
| 10. Executive Officer, Delhi Cantonment Board, Delhi cantt.                                  | Member   |
| 11. Executive Officer, Railway Land Development Board  | Member   |

**Expert Members:**

1. Dr Rajiv Saraf, CEO, Lepton Software Export & Research (P) Ltd.
2. Dr. Mahavir, Prof. SPA, New Delhi